

Product Data Sheet

OUTDOOR LIGHTING

SONORA 120W

CODE: 3210290



Area of application

Solar LED Streetlight to be used as an energy saver alternative of conventional Streetlights to be installed in all residential & commercial & industrial areas..

Product Advantages

SONORA 120, is a solar waterproof, IP65, street light fixture equipped with SMD LEDs, PIR & photosensor. It is intended to be mounted on arm. Housing of ABS in black color. polycarbonate solar panel and glass. Monocrystalline panel 5V - 12W. Battery: LiFePO4 33140 3.2V 12000mAh, Life cycles > 1200 Charging time: 6h, Autonomy: 12-14h Operates with Photosensor & PIR sensor, turns on during the night when lux<5-10 & off automatically when lux >10. Installation height: 3-6m. Detection Distance of PIR Sensor: max 12m. Is equipped with remote control with the following functions: ON - Brightness will be decreased from 100%, the light will be off after 12-14 hours. OFF - Light off. HIGH LIGHT - The button is effective when the light is on, the brightness will keep 165%, and light will be off after 3 hours. SLIGHTLY LIGHT - The button is effective when the light is on, the brightness will keep 35%, and the light will be off after 12-14 hours. 6H - Brightness will be decreased from 100%, the light will be off after 6 hours. AUTO - Brightness will be decreased from 100%, the light will be off after 12-14 hours. PIR INDUCTION MODE : 5% brightness with nobody within sensing range, when someone pass by with 165% brightness. TIME CONTROL 3 HOURS : 115% brightness and not slowly decrease brightness about 3 hours to light off. TIMING CONTROL FOR 4 HOURS, then enter to PIR Induction mode: 100% brightness and slowly decrease brightness. The lamp will enter to PIR induction mode after 4 hours, keep 5% brightness and nobody within sensing range. When someone pass by with 165% brightness.

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Product Features

Electrical

Power (Watt): 120

Voltage: 3.2V DC

Power Factor: --

Electrical Protection: Class III

Surge Protection: --

Dimmability: NO

Switch Cycle (Times): 30000

Material Characteristics

IP Class: IP65

IK Class: -

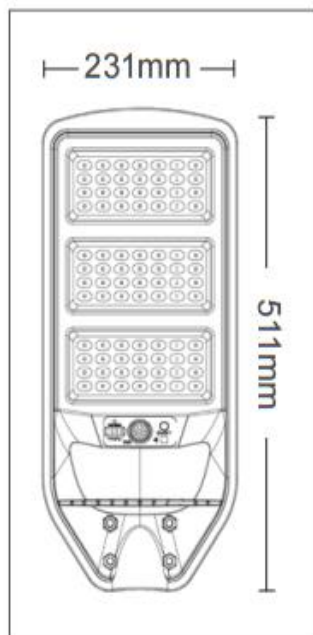
Material: ABS

Ambient Temperature: -10°C<ta<+55°C

Body Color: BLACK

Product Size (mm): 511x231x47

Technical Drawing



Lighting

Lumen (Lm): 1800

Luminaire efficacy (Lm/W): 15

Colour Temperature: 6000K (COOL WHITE)

Beam Angle: 90°

CRI: Ra >80

Lifetime (Hours); 30000

EEL : --

Packing Informations

Pieces/Outbox: 8

Outbox Size (mm): 535x463x258

Outbox G.W. (Kg): 16,35

Outbox Volume (m³): 0,0639

Unit Weight (Gr): 2043,75

Barcode : 6970233831228

Light Distribution Curve

System Definition: VT/SONORA/120W/60K/IP65/SOLAR STREET LIGHT

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